



NITFS

Compliance Registration



Product: Space Imaging Control Image Base System
(CIBS) version 1.0

Sponsor:
Space Imaging

Developer:
Raytheon

Date: 14 October
Expiration: 2003
Registration #: 18 October
2005
339

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☒ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-SGI Origin, IRIX 6.5
-SGI Octane, IRIX 6.5

NITFS Features Implemented:

Format

- NITF**
☐ v2.1
☒ v2.0
☐ v1.1
NSIF
☐ v1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLY
☐ POLAR

Image Compression

- ☐ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☒ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments


- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☒ Registered Extensions **

Tagged Record

- Extensions**
☒ RPFHDR
☒ RPFIMG
☒ RPFDES

- ☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.


EDWARD E. BOYLES, Division Chief
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for the NITFS Test and Evaluation Program